

Claims:

1. Scraper, which comprises an elongated, at least tension transmitting flexible structure, which is formed of formed pieces (X), being coupled with each other one after the other in a longitudinal direction (s) and that are arranged to twist (w1) in respect with each other round an axis standing in a direction of height (h) by means of a joint arrangement (N), whereby the joint arrangement (N) comprises edge projections (N1), existing in a preceding formed piece one below the other in the direction of height (h) of the formed piece, and a centre projection (N2), existing in the following formed piece and that is to be placed between the above edge projections, **characterized** in that a joint arrangement (N;N') is arranged to enable twisting (w2) of the successive formed pieces (X) in respect with each other round an essentially longitudinal axis (s).

2. Scraper according to claim 1, the joint arrangement (N) of which comprises a hole (R) for a joint pin (T) or a like in said projections (N1, N2), the hole existing essentially in the direction of height (h), **characterized** in that the upper and lower edges of the centre projection (N2) are arranged arched and the hole therein (R; R') to expand, when viewed in a cross section, from the centre projection's (N2) middle towards its upper and lower edges.

3. Scraper according to claim 1 or 2, **characterized** in that each formed piece (X) of the scraper is mutually alike in a way that on its first joint surface there are edge projections (N1) and on the other joint surface there exists the centre projection (N2).

4. Scraper according to claim 1 or 2, **characterized** in that there are two kinds of formed pieces in a way that on the opposite joint surfaces of the first ones of them there exists edge projections (N1) and on the corresponding joint surfaces of the second ones of them there exists centre projections (n2).

5. Scraper according to any of the preceding claims 1-4, **characterized** in that in an essentially stiff-structured frame (XR) of the formed piece (X) there is arranged, preferably on quick-release principle, a removeably attachable skirt part (XH), which is manufactured from essentially softer/more flexible material than the frame (XR) of the formed piece.

6. Scraper according to any of the preceding claims 1-5, **characterized** in that the frame (XR) of the formed piece is manufactured from polypropylene or like and a skirt part (XH) from polyurethane, rubber or like.

7. Scraper according to any of the preceding claims 1-6, **characterized** in that the skirt part (XH) has fin-like or like stiffening/sealing arrangements (XHL, XHL'), projecting outwards (r) from its outer surface and which are arranged to enable twisting (w1) of the successive formed pieces with respect to each other round a rotation axis existing essentially in the direction of height (h).

8. Scraper according to claim 7, **characterized** in that a bottom fin (XHL') belonging to the stiffening/sealing arrangement is arranged to rise in the direction of height (h) towards the other end of the formed piece (X) particularly to enable twisting

of the successive formed pieces with respect to each other on so called lap joint -principle.

5 9. Scraper according to any of the preceding claims 1-8, which is meant to be used particularly as a surface scraper in a fluid basin, such as a clarification basin or like, **characterized** in that the specific weight of the scraper is arranged essentially lighter than water by using a formed piece (X) with a hollow frame (XR) particularly in order to enable its use filled with air or flotation material.

10 10. Scraper according to claim 9, **characterized** in that in the lower part of the formed piece (X), such as at the lower edge of the skirt part (XH), there is arranged an auxiliary weight arrangement (LP) particularly for keeping a floating formed piece in an essentially vertical position.

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